

5 I claim:

1. A scanner adapted for creating digital data representative of an object image and projecting said digital data to form a displayed image of a predetermined scale comprising:

a housing having a scanning surface thereon;

a digital camera positioned within said housing;

10 a control system adapted to control scanning of objects placed on said scanning surface and including installed software adapted to convert obtained image data to digital data adapted for transmission to a display device to form said displayed image.

2. The scanner of claim 1 wherein said display device is an LCD projector.

3. The scanner of claim 1 wherein said display device is a television monitor.

4. The scanner of claim 1 further including a removable data storage medium.

20 5. The scanner of claim 1 wherein said software is adapted to allow changing the scale and/or position of said displayed image.

25 6. A scanner projection system adapted for creating digital data representative of an object image and projecting said digital data to form a displayed image of a predetermined scale comprising:

a stand alone scanner adapted to scan an object image, to convert the object image

**PATENT
5589-1045**

5 to digital data representative of the object image, and to transmit the digital data to a central processing unit;

a stand alone central processing unit (CPU) adapted to receive digital data from a scanner, containing installed software to process the digital data for storage and/or display at a predetermined scale, and adapted to transmit the digital data to a storage medium
10 and/or to a display device; and

a stand alone display device adapted to receive digital data representative of the object image from the CPU and to convert the digital data to a displayed image of predetermined scale.

15 7. The scanner projection system of claim 6 wherein the scanner is adapted for creating an object image from a reflective scanning platform and/or a transmissive scanning platform.

20 8. The scanner projection system of claim 6 further including a digital data storage medium.

9. The scanner projection system of claim 6 further including removable digital data storage medium.

25 10. The scanner projection system of claim 6 wherein the display device is a television monitor.

11. The scanner projection system of claim 6 wherein the display device is an LCD projector which forms a projected image upon a screen.

12. The scanner projection system of claim 6 wherein the CPU is further adapted to receive signals from an infrared (IR) remote control device, to convert the infrared signals to digital data representative of the infrared signals, containing software to process said digital data to change the digital data representative of the object image transmitted to the display device to alter the scale and/or position of the portion of the object image displayed.

13. A method of displaying a scanned image comprising:
scanning an image in a scanner containing a central processing unit, digital data storage medium, installed software adapted to convert the obtained image to digital data adapted for transmission to a display device; and
displaying said image digital data upon said display device to form an image.

14. The method of claim 13 wherein the digital data storage medium is removable.

15. The method of claim 13 wherein the installed software is further adapted to allow changing a displayed image scale.

16. The method of claim 13 wherein the installed software is further adapted to allow the scale of the displayed image to be changed by an infrared remote control device.

5 17. The method of claim 13 wherein the installed software is further adapted to allow
the portion of the image displayed to be shifted vertically and horizontally.

18. The method of claim 13 wherein the installed software is further adapted to allow
the portion of the image displayed to be shifted vertically and horizontally by an infrared
10 remote control device.

19. The method of claim 13 wherein the image display device is a television monitor.

20. The method of claim 13 wherein the image display device is an LCD projector
15 which forms a projected image upon a screen.